

***LineUp With Math™* Alignment to
Wyoming Mathematics Content and Performance Standards
Adopted July 7, 2003**

Content Standard 2: Geometry

Students apply geometric concepts, properties, and relationships in problem-solving situations.

Benchmark

3. Students communicate the reasoning used in identifying geometric relationships in problem-solving situations appropriate to grade level.

***LineUp With Math™* Activities**

--Use an interactive simulator plus calculation worksheets to model and resolve air traffic control conflicts.

-- Predict and plot the relative motion of two or more airplanes on given paths.

--Predict and resolve aircraft conflicts and explain results of mathematical calculations and simulations.

Content Standard 3: Measurement

Students use a variety of tools and techniques in measurement in a problem-solving situation.

Benchmark

1. Students apply estimation and measurement of length to content problems and convert within the U.S. customary (in, ft, yd, mi) and within the metric system (mm, cm, m, km).

***LineUp With Math™* Activities**

--Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.